


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒**APPLICATION FOR PERMIT TO DRILL**

<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>1. WELL NAME and NUMBER</b> Federal 5-25-8-15		
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO				<b>3. FIELD OR WILDCAT</b> UNDESIGNATED		
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052				<b>7. OPERATOR PHONE</b> 435 646-4825		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-67168		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com		
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Henderson Ranches LLC		
<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> Route 3 Box 3671, ,		
<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1499 FNL 687 FWL	SWNW	25	8.0 S	15.0 E	S
<b>Top of Uppermost Producing Zone</b>	1499 FNL 687 FWL	SWNW	25	8.0 S	15.0 E	S
<b>At Total Depth</b>	1499 FNL 687 FWL	SWNW	25	8.0 S	15.0 E	S
<b>21. COUNTY</b> DUCHESNE		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1499		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 993		<b>26. PROPOSED DEPTH</b> MD: 6495 TVD: 6495		
<b>27. ELEVATION - GROUND LEVEL</b> 5746		<b>28. BOND NUMBER</b> WYB000493		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-7478		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Mandie Crozier	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b>	<b>DATE</b> 05/19/2009
<b>PHONE</b> 435 646-4825	<b>EMAIL</b> mcrozier@newfield.com
<b>API NUMBER ASSIGNED</b> 43013500230000	<b>APPROVAL</b>  Permit Manager

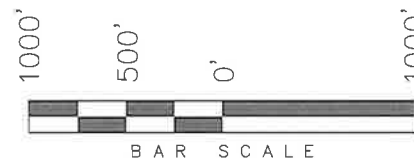
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6495		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6495	15.5			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	350		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	350	24.0			

*T8S, R15E, S.L.B.&M.*

*NEWFIELD PRODUCTION COMPANY*

WELL LOCATION, FEDERAL 5-25-8-15,  
LOCATED AS SHOWN IN THE SW 1/4 NW  
1/4 OF SECTION 25, T8S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 12837  
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. — VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED:  
11-11-08

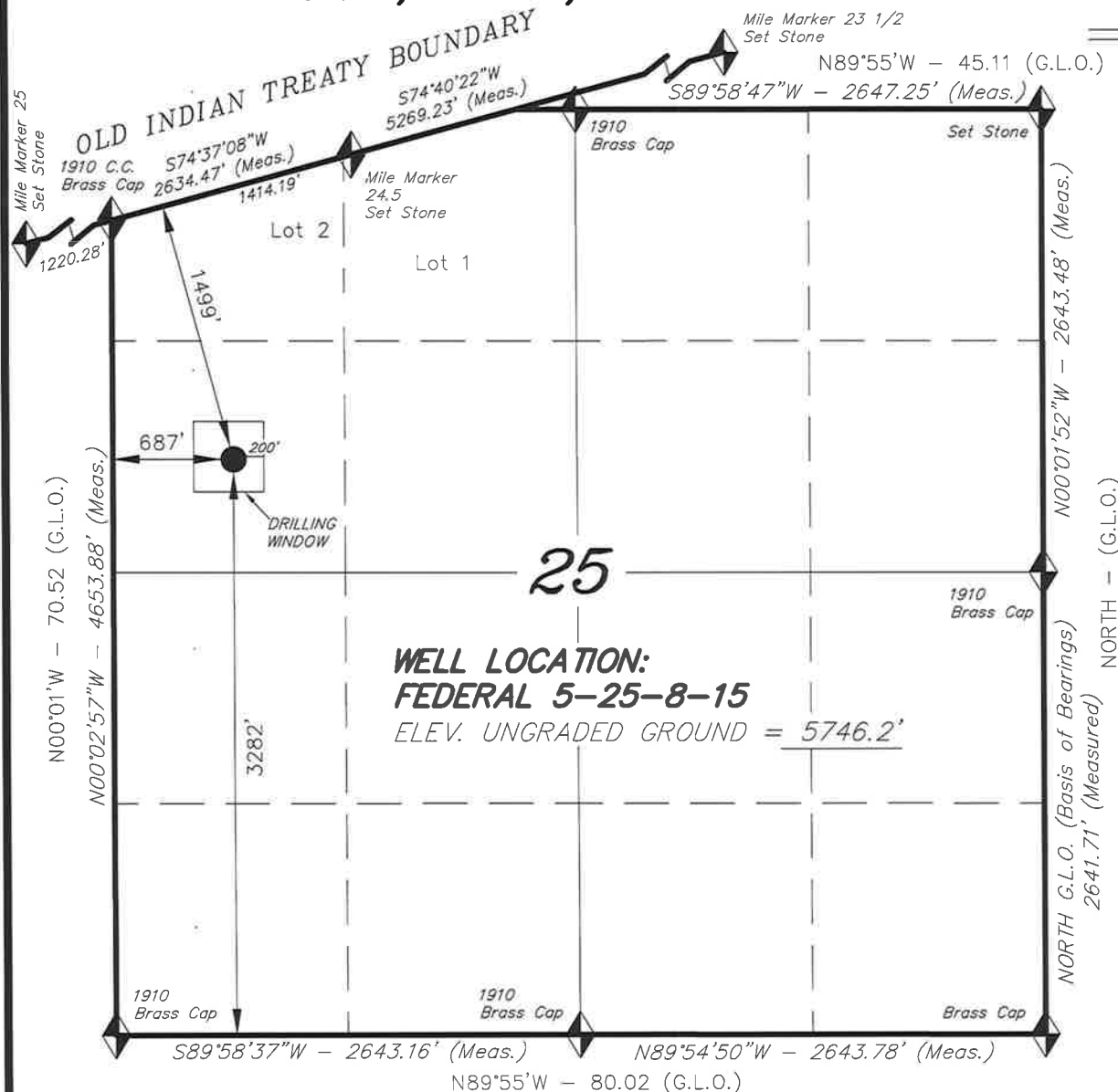
SURVEYED BY: C.M.

DATE DRAWN:  
11-21-08

DRAWN BY: M.W.

REVISSED:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

FEDERAL 5-25-8-15  
(Surface Location) NAD 83  
LATITUDE = 40° 05' 26.62"  
LONGITUDE = 110° 11' 14.87"

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 5-25-8-15  
SW/NW SECTION 25, T8S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta                      0' – 1638'  
Green River              1638'  
Wasatch                  6495'  
Base of Moderately Saline Ground Water @ 248'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1638' – 6495' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

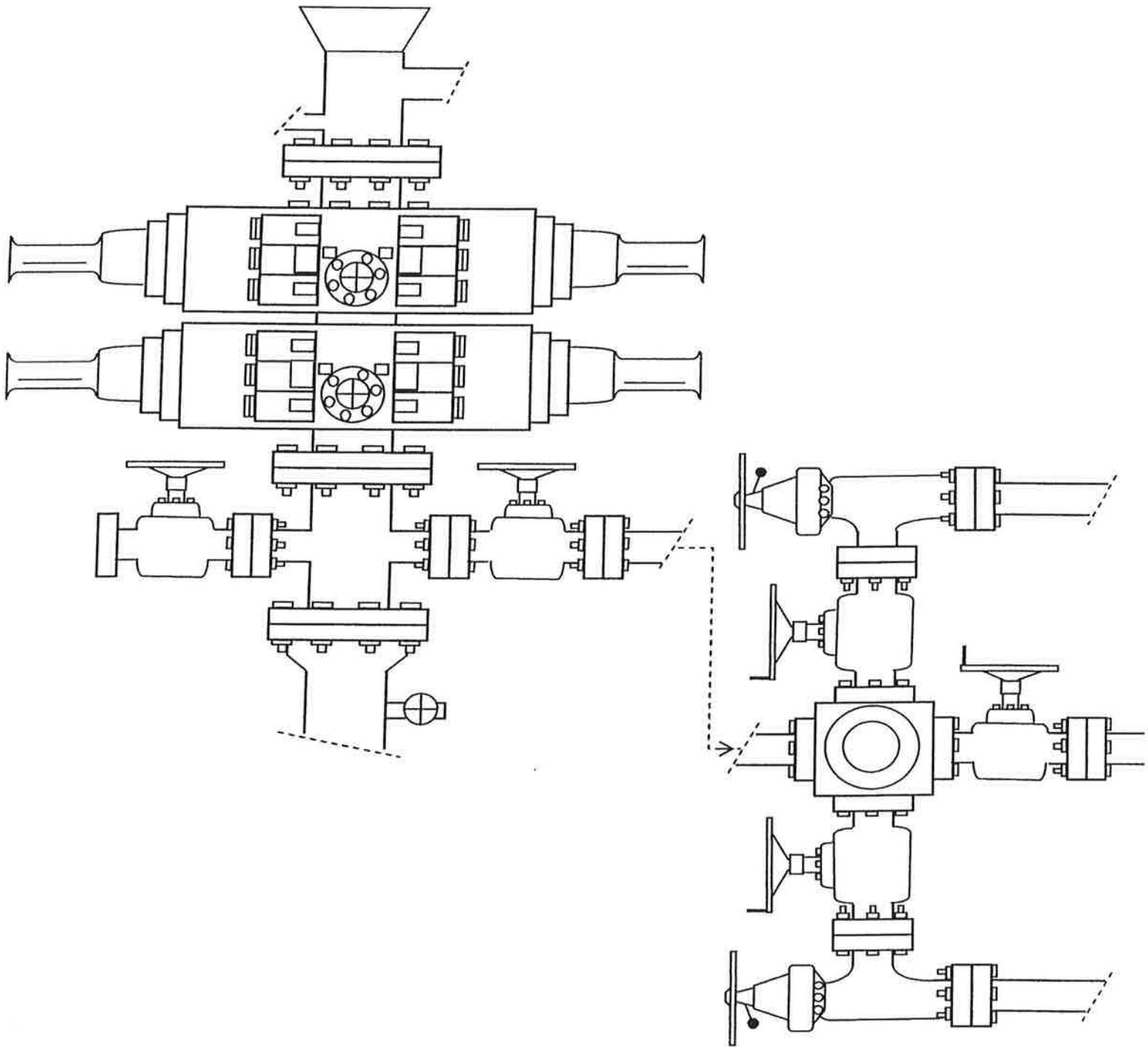
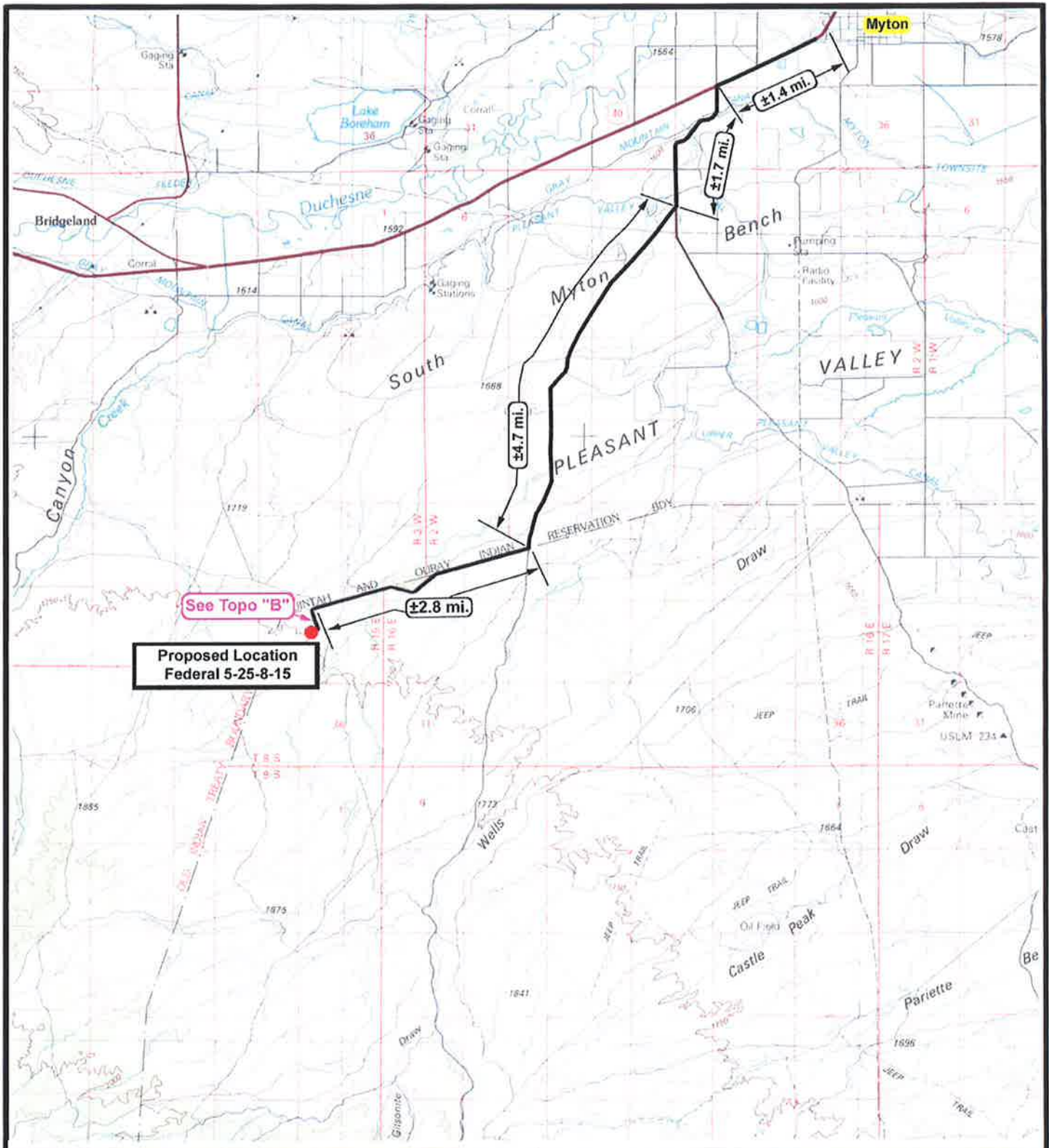

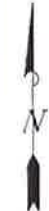

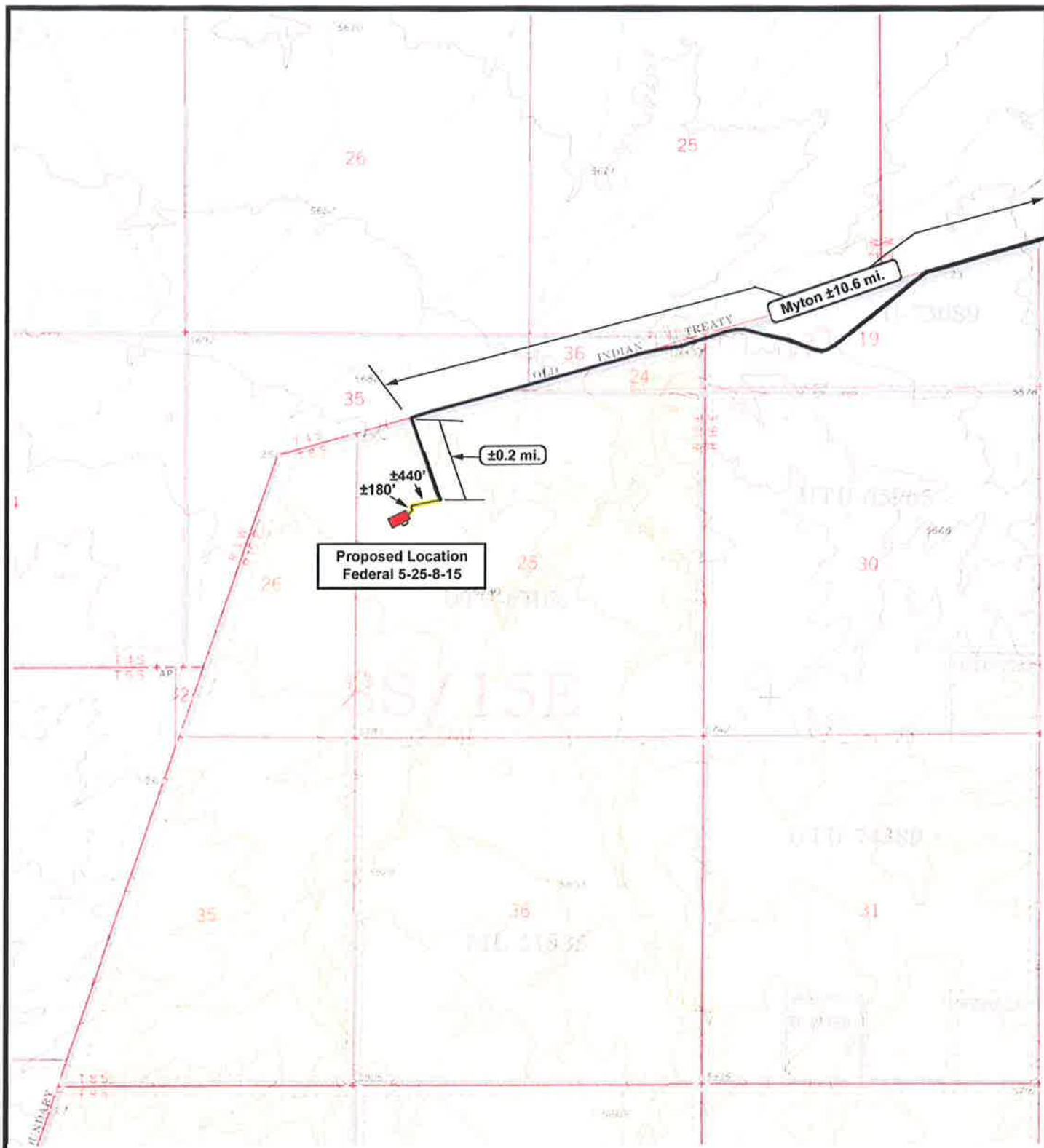


EXHIBIT C




 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p><b>Legend</b></p> <p>Existing Road</p> <p>Proposed Access</p>
<p><b>Federal 5-25-8-15</b> <b>SEC. 25, T8S, R15E, S.L.B.&amp;M.</b></p>		<p><b>SCALE: 1 = 100,000</b></p> <p><b>DRAWN BY: JAS</b></p> <p><b>DATE: 05-27-2009</b></p>	<p><b>TOPOGRAPHIC MAP</b></p> <p><b>"A"</b></p>





**NEWFIELD**  
Exploration Company

**Federal 5-25-8-15**  
**SEC. 25, T8S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

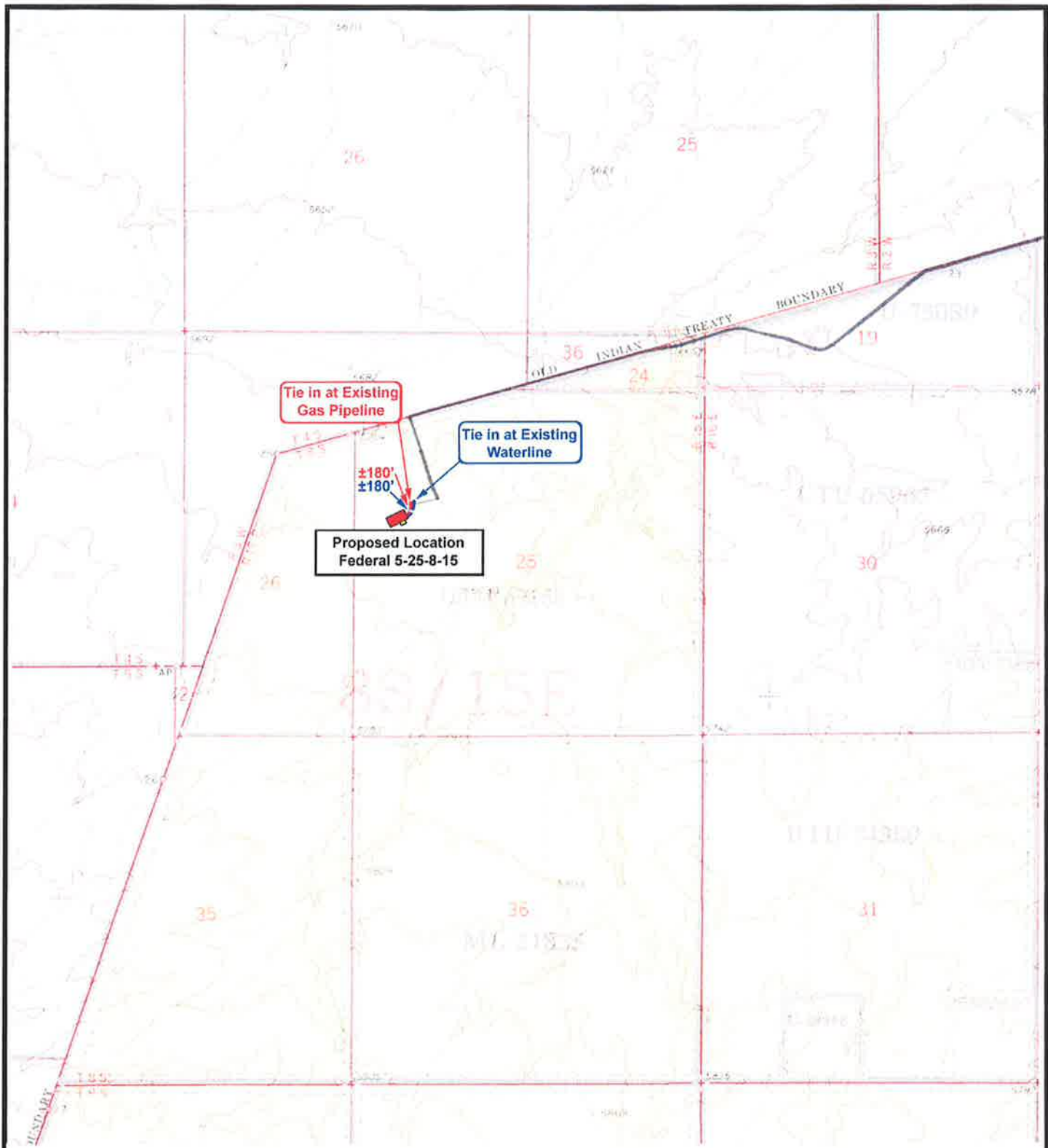
**SCALE: 1" = 2,000'**  
**DRAWN BY: JAS**  
**DATE: 05-27-2009**

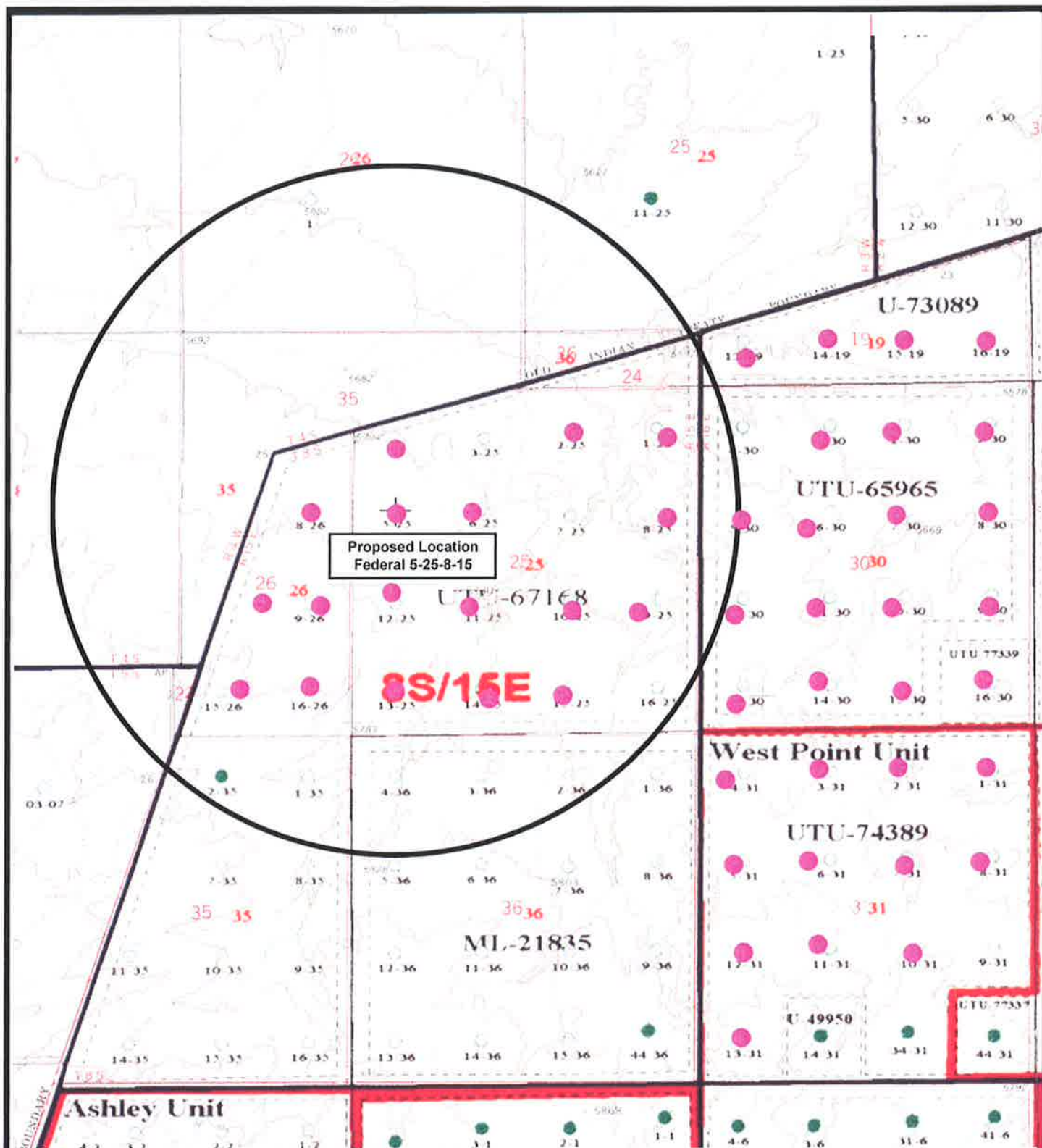
**Legend**




Existing Road  
Proposed Access

**TOPOGRAPHIC MAP**  
**"B"**





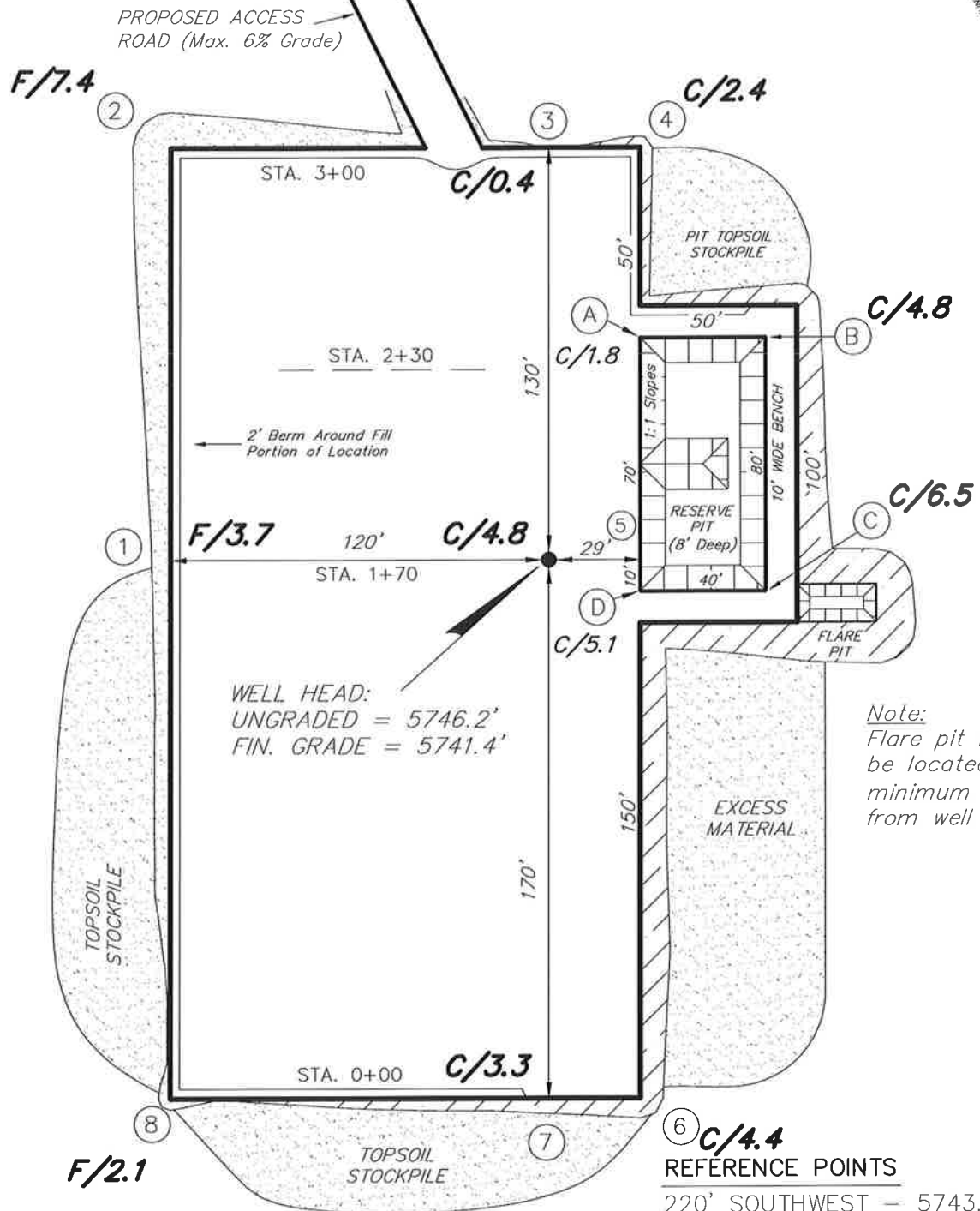


 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave., Vernal, Utah 84078</p>	<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>● Pad Location</li> <li>○ One-Mile Radius</li> </ul>
<p><b>Federal 5-25-8-15</b> <b>SEC. 25, T8S, R15E, S.L.B.&amp;M.</b></p>		<p><b>SCALE: 1" = 2,000'</b> <b>DRAWN BY: JAS</b> <b>DATE: 05-27-2009</b></p>	<p><b>Exhibit "B"</b></p>

# NEWFIELD PRODUCTION COMPANY

FEDERAL 5-25-8-15

Section 25, T8S, R15E, S.L.B.&M.



Note:  
Flare pit is to be located a minimum of 80' from well head.

## REFERENCE POINTS

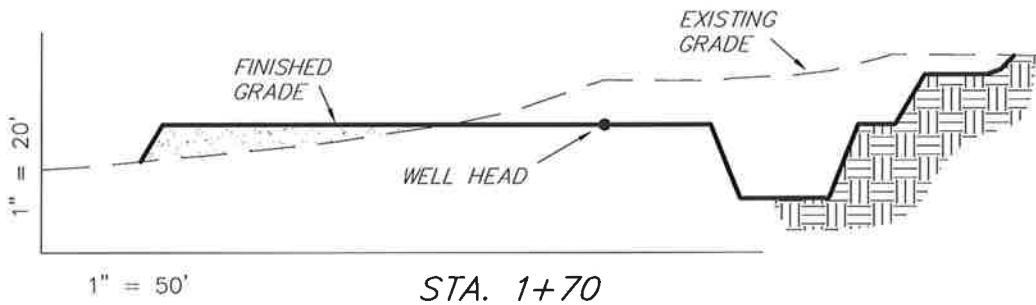
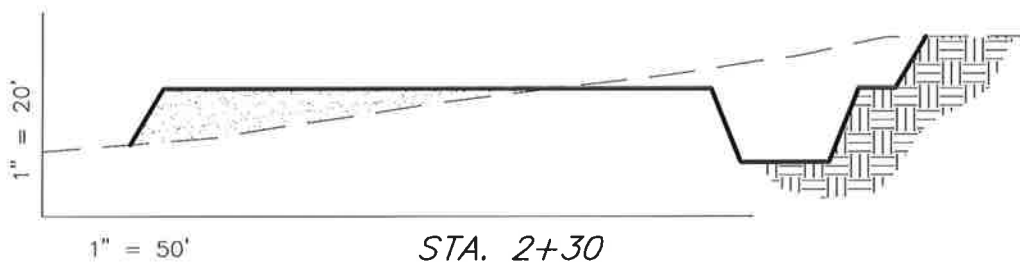
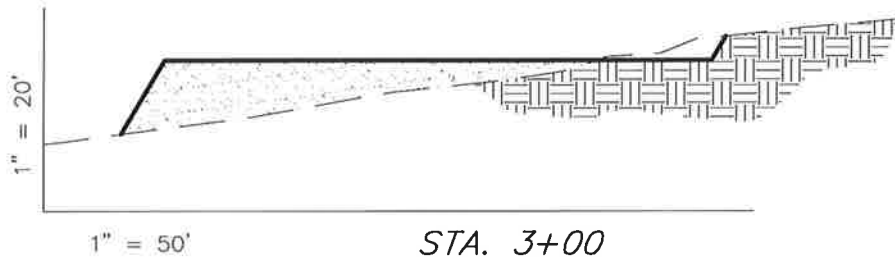
220' SOUTHWEST - 5743.3'  
270' SOUTHWEST - 5743.2'  
170' NORTHWEST - 5736.1'  
220' NORTHWEST - 5734.0'

SURVEYED BY: C.M.	DATE SURVEYED: 11-11-08
DRAWN BY: M.W.	DATE DRAWN: 11-21-08
SCALE: 1" = 50'	REVISED:

Tri State  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS FEDERAL 5-25-8-15



NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1.5:1

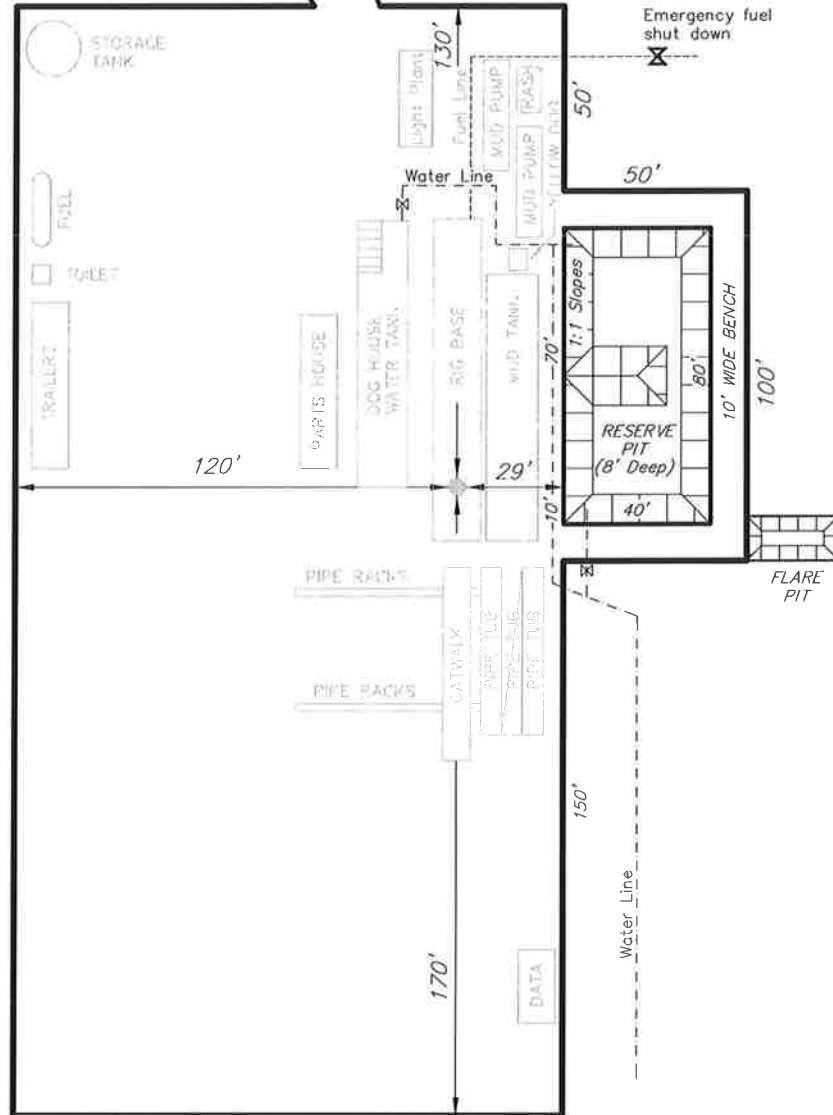
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,740	2,740	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,380	2,740	1,060	640

SURVEYED BY: C.M.	DATE SURVEYED: 11-11-08
DRAWN BY: M.W.	DATE DRAWN: 11-21-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# **NEWFIELD PRODUCTION COMPANY** **TYPICAL RIG LAYOUT** **FEDERAL 5-25-8-15**

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	DATE SURVEYED: 11-11-08
DRAWN BY: M.W.	DATE DRAWN: 11-21-08
SCALE: 1" = 50'	REVISED:

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 5-25-8-15  
SW/NW SECTION 25, T8S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 5-25-8-15 located in the SW 1/4 NW 1/4 Section 25, T8S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly – 6.4 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly – 2.8 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly – 0.2 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road – 620'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right : 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-301, 1/29/09. Paleontological Resource Survey prepared by, Wade E. Miller, 3/5/09. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 620' of disturbed area be granted in Lease UTU-67168 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 180' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 180' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.



### **Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

### **Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

### **Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

### **Details of the On-Site Inspection**

The proposed Federal 5-25-8-15 was on-sited on 12/10/08. The following were present; Tim Eaton (Newfield Production ), Christine Cimiluca (Bureau of Land Management), and James Herford (Bureau of Land Management). Ground cover was 30% open.

### **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

#### **Representative**

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

#### **Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-25-8-15 SW/NW Section 25, Township 8S, Range 15E: Lease UTU-67168 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the



operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

5/21/09

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

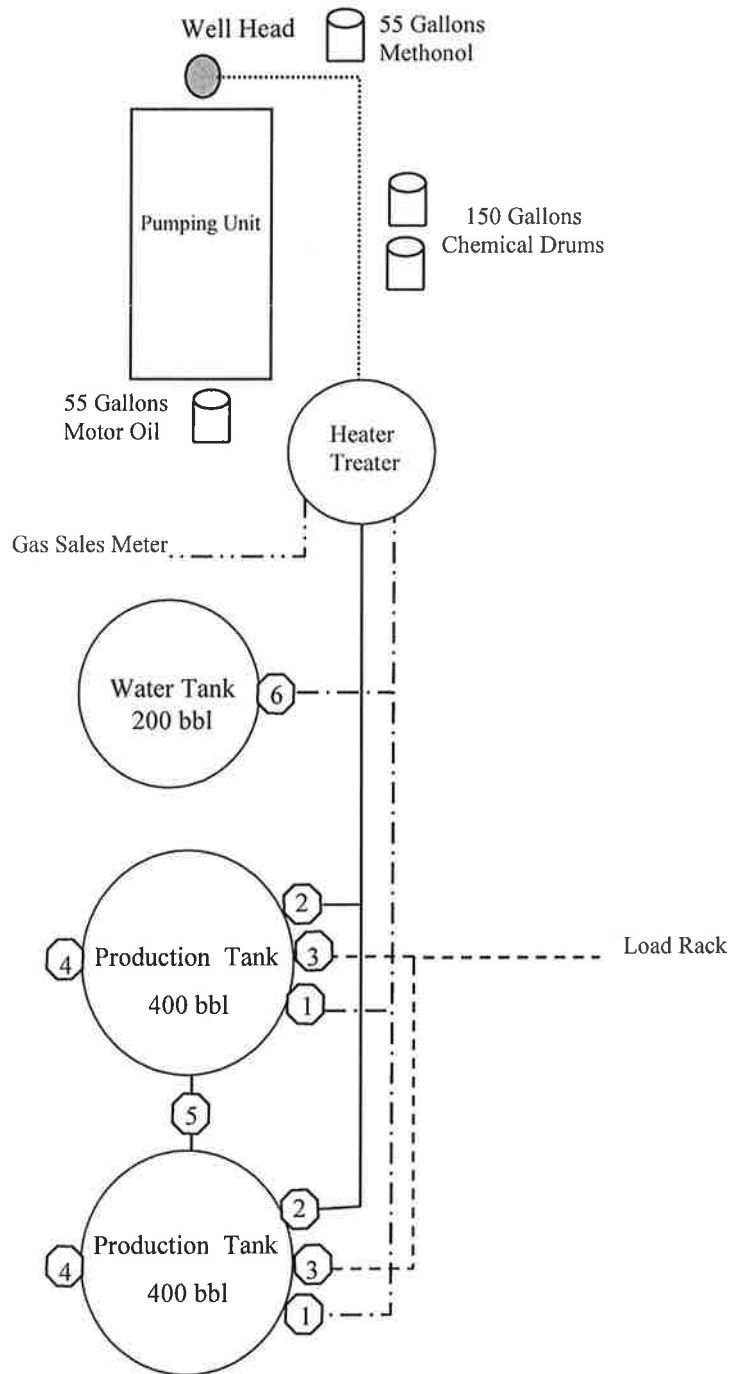
# Newfield Production Company Proposed Site Facility Diagram

Federal 5-25-8-15

SW/NW Sec. 25, T8S, R15E

Duchesne County, Utah

UTU-67168



## Legend

<b>Emulsion Line</b>	.....
<b>Load Rack</b>	-----
<b>Water Line</b>	- . - . - . - .
<b>Gas Sales</b>	- . - . - . - .
<b>Oil Line</b>	—————

## Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

Exhibit "D"

152

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S FOUR BLOCK PARCELS  
(T8S, R15E, SECTIONS 25, 26, 35, AND 36)  
DUCHESNE COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
School & Institutional  
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company  
Rt. 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 219  
Moab, Utah 84532

MOAC Report No. 08-301

January 26, 2009

United States Department of Interior (FLPMA)  
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-08-MQ-1227b,s

**NEWFIELD EXPLORATION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & Uintah COUNTIES, UTAH  
(Includes Water Pipeline Surveys)**

Section 36 [Entire Section, excluding SW 1/4, NE 1/4 & SE 1/4, SE 1/4 (7 & 16-36-8-15)];  
Section 25 [Entire Section]; Section 26 [SE 1/4, NE 1/4, & SE 1/4 ( 8, 9, 10 ,15 & 16-26-8-15)];  
Section 35 [NE 1/4, SE 1/4 & SW 1/4, NE 1/4 (1, 7 & 8-35-8-15), SE 1/4, NW 1/4 (6-35-8-15),  
NE 1/4 & SE 1/4, SW 1/4 (11 & 14-35-8-15), & SE 1/4 ( 9, 10, 15 & 16-35-8-15)]. NE 1/4 & SE  
1/4, Section 32, T 8 S, R 17 E (11 & 14-32-8-17); NE 1/4, SE 1/4, Section 6, T 9 S, R 19 E (43-  
6-9-19); NE 1/4, SE 1/4, Section 7, T 9 S, R 17 E (43-7-9-17); SE 1/4, SE 1/4, Section 4, T 9 S,  
R 16 E (16-4-9-16)

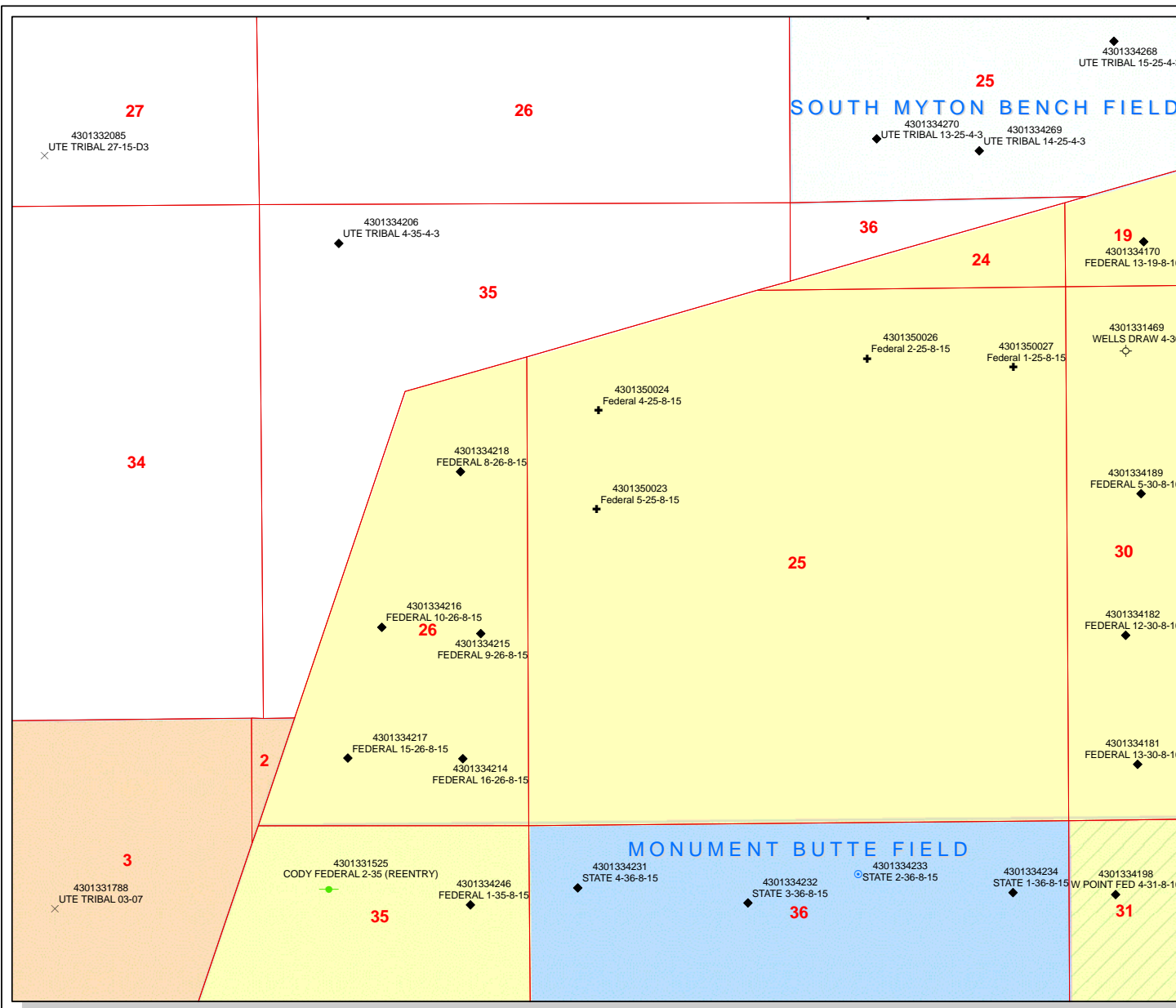
**REPORT OF SURVEY**

Prepared for:

**Newfield Exploration Company**

Prepared by:

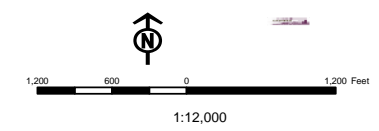
Wade E. Miller  
Consulting Paleontologist  
March 5, 2009



**API Number: 4301350023**  
**Well Name: Federal 5-25-8-15**  
**Township 08.0 S Range 15.0 E Section 25**  
**Meridian: SLBM**  
**Operator: NEWFIELD PRODUCTION COMPANY**

Map Prepared:  
 Map Produced by Diana Mason

Units	Wells Query Events
<b>STATUS</b>	<b>GIS_STAT_TYPE</b>
ACTIVE	<all other values>
EXPLORATORY	APD
GAS STORAGE	DRL
NF PP OIL	GI
NF SECONDARY	GS
PI OIL	LA
PP GAS	NEW
PP GEOTHERMAL	OPS
PP OIL	PA
SECONDARY	PGW
TERMINATED	POW
<b>Fields</b>	RET
<b>STATUS</b>	SGW
ACTIVE	SOW
COMBINED	TA
Sections	TW
	WD
	WI
	WS



# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 5/19/2009

**API NO. ASSIGNED:** 43013500230000

**WELL NAME:** Federal 5-25-8-15

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** SWNW 25 080S 150E

**Permit Tech Review:** ☒

**SURFACE:** 1499 FNL 0687 FWL

**Engineering Review:** ☐

**BOTTOM:** 1499 FNL 0687 FWL

**Geology Review:** ☒

**COUNTY:** DUCHESNE

**LATITUDE:** 40.09030

**LONGITUDE:** -110.18680

**UTM SURF EASTINGS:** 569325.00

**NORTHINGS:** 4437886.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU-67168

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

☒ **PLAT**

☒ **Bond:** FEDERAL - WYB000493

☐ **Potash**

☐ **Oil Shale 190-5**

☐ **Oil Shale 190-3**

☐ **Oil Shale 190-13**

☒ **Water Permit:** 43-7478

☐ **RDCC Review:**

☐ **Fee Surface Agreement**

☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

☐ **R649-2-3.**

**Unit:**

☒ **R649-3-2. General**

☐ **R649-3-3. Exception**

☒ **Drilling Unit**

**Board Cause No:** R649-3-2

**Effective Date:**

**Siting:**

☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed  
IRR SEC:

**Stipulations:** 4 - Federal Approval - dmason  
23 - Spacing - dmason



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Federal 5-25-8-15  
**API Well Number:** 43013500230000  
**Lease Number:** UTU-67168  
**Surface Owner:** FEDERAL  
**Approval Date:** 6/9/2009

**Issued to:**

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

**Notification Requirements:**

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

**Reporting Requirements:**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**Approved By:**

A handwritten signature in black ink, appearing to read 'Gil Hunt', with a stylized flourish at the end.

For Gil Hunt  
Associate Director, Oil & Gas



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4301350044	FEDERAL 9-25-8-15	NESE	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
WELL 1 COMMENTS: GRRV											
B	99999	17400 ✓	4301350023	FEDERAL 5-25-8-15	SWNW	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
GRRV											
B	99999	17400 ✓	4301350115	MON BUTTE STATE G-2-9-16	NWNW	2	9S	16E	DUCHESNE	4/29/2010	5/18/10
GRRV BML = SENW											
B	99999	17400 ✓	4301334181	FEDERAL 13-30-9-16	SWSW	30	8S	16E	DUCHESNE	4/27/2010	5/18/10
GRRV											
B	99999	17400 ✓	4301334084	GREATER BOUNDARY II B-3-9-17	NENE	3	9S	17E	DUCHESNE	4/27/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = NENE											
B	99999	17400 ✓	4301350124	MON BUTTE V-35-8-16	NWNE	2	9S	16E	DUCHESNE	4/16/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = T 8S Sec 35 SESE											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
MAY 03 2010

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

04/30/10

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1499 FNL 0687 FNL

SWNW Section 25 T8S R15E

5. Lease Serial No.

UTU-67168

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

FEDERAL 5-25-8-15

9. API Well No.

4301350023

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/3/10 MIRU Ross # 29. Spud well @ 8:00 AM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# casing. Set @ 325.41' KB. On 5/11/10 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# per sk Cello Flake mixed @ 15.8 ppg with 1.17 cf/sk yield. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mitch Benson

Signature

Title

Drilling Foreman

Date

05/11/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**MAY 18 2010**

**DIV. OF OIL, GAS & MINING**

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

**8 5/8" CASING SET AT 325.41**

ENDING 14 SET AT 5

DATUM 12

DATUM TO CUT OFF CASING                      12

DATUM TO BRADENHEAD FLANGE 12

TD DRILLER 325      LOGGER           

HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company

WELL **FEDERAL 5-25-8-15**

FIELD/PROSPECT Monument Butte

CONTRACTOR & RIG # **Ross Rig #29**

LOG OF CASING STRING:

[illegible]

CEMENT USED		CEMENT COMPANY- <b>BJ Services</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" + 2% CaCl <sub>2</sub> + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield.
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle of first, top of second, and third for a total of three.		

COMPANY REPRESENTATIVE

## Mitch Benson

DATE 5/11/2010

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

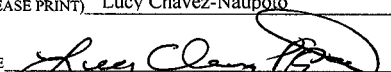
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67168
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630	CITY Myton STATE UT ZIP 84052	7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: FEDERAL 5-25-8-15
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 25, T8S, R15E		9. API NUMBER: 4301350023
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 06/10/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06-10-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 06/14/2010

(This space for State use only)

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JUN 21 2010  
DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**FEDERAL 5-25-8-15****4/1/2010 To 8/30/2010****6/1/2010 Day: 1****Completion**

Rigless on 6/1/2010 - CBL/Perferate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves, BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 6599' w/ cement top @ 282'. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) & perferate CP Lime sds @ 6251-54', CP5 sds @ 6227-31', CP Lime sds @ 6158-60', 6123-25', CP4 sds @ 6069-73' w/ 3 spf for total of 45 shots. SIFN w/ 157 bbls EWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$13,109

---

**6/4/2010 Day: 3****Completion**

Rigless on 6/4/2010 - Frac & perforate remaining stages. Flowback well. - Frac first two stages & perforate stage 2 & 3. SWIFN. 954 BWTR. - Frac & perforate remaining stages. Open well for immediate flowback @ approx 3 BPM. Well flowed for 3 1/2 hours & died. Recovered approx 500 bbls. 1254 BWTR. - Frac first two stages & perforate stage 2 & 3. SWIFN. 954 BWTR. - Frac & perforate remaining stages. Open well for immediate flowback @ approx 3 BPM. Well flowed for 3 1/2 hours & died. Recovered approx 500 bbls. 1254 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$92,846

---

**6/8/2010 Day: 4****Completion**

Leed #731 on 6/8/2010 - PU tbg & drill plugs - Check pressure on well, 0 psi. MIRUSU. ND frac BOPs & wellhead. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & 144- jts 2 7/8" J-55 8rd EUE tbg. RU drill equipment. Tag plug @ 4500'. Drill out plug in 38 min. Continue PU tbg & tag fill @ 5010'. Clean out to plug @ 5175'. Drill out plug in 17 min. Continue PU tbg & tag plug @ 5525'. Drill out plug in 20 min. Continue PU tbg & tag plug @ 6050'. Drill out plug in 22 min. Continue PU tbg & tag sand @ 6462'. Clean out to PBTD @ 6602'. Circulate well clean. LD 3- jts tbg. SWIFN. 1254 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$103,046

---

**6/9/2010 Day: 5****Completion**

Leed #731 on 6/9/2010 - Swab for clean up, TOO H w/ tbg. - Check pressure on well, 125 psi tbg & csg. RU swab equipment. Made 11 swab runs w/ SFL @ surface & EFL @ 1200'. Recovered 160 bbls ending w/ trace of oil, sand & gas. RD swab equipment. PU 3- jts tbg, tag fill @ 6600'. Clean out to PBTD @ 6602'. Circulate well clean. LD 10- jts tbg not needed for production. TOO H w/ tbg & LD BHA. TIH w/ BHA & 48- jts tbg.

**Daily Cost:** \$0**Cumulative Cost:** \$147,248

---

**6/10/2010 Day: 6****Completion**

Leed #731 on 6/10/2010 - Set TA, PU rods & PWOP - Check pressure on well, 0 psi. Set TA @ 6215' w/ 17,000#s tension. ND BOPs. NU wellhead. Flush tbg w/ 60 BW. PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 2 BW, stroke test pump w/ unit to 800 psi. RU pumping unit. RDMOSU. PWOP @ 4:30 PM w/ 122" SL & 5 SPM. 1256 BWTR **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$178,139

---

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. <b>UTU-67168</b>			
2. Name of Operator <b>NEWFIELD EXPLORATION COMPANY</b>						6. If Indian, Allottee or Tribe Name  			
3. Address <b>1401 17TH ST. SUITE 1000 DENVER, CO 80202</b>				3a. Phone No. (include area code) <b>(435)646-3721</b>		7. Unit or CA Agreement Name and No. <b>GMBU</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>3282' FSL &amp; 687' FWL (SW/NW) SEC. 25, T8S, R15E</b> <b>1499 fml 687 fwl</b> At top prod. interval reported below At total depth <b>6659'</b>						8. Lease Name and Well No. <b>FEDERAL 5-25-8-15</b>			
14. Date Spudded <b>05/03/2010</b>						15. Date T.D. Reached <b>05/23/2010</b>			
16. Date Completed <b>06/09/2010</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						9. AFI Well No. <b>43-013-50023</b>			
18. Total Depth: MD <b>6659'</b> TVD				19. Plug Back T.D.: MD <b>6602'</b> TVD		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND</b>						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	325'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6647'		300 PRIMLITE		282'	
						420 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 6314'	TA @ 6216'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Green River				6069-6254' CP4 CP5 CPL		.36"	3	45	
B) Green River				5953-6008' CP2 CP3		.34"	3	18	
C) Green River				5469-5471' A3		.34"	3	6	
D) Green River				5001-5129' D2 D3		.34"	3	18	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
6069-6254'		Frac w/ 75307#'s 20/40 sand in 466 bbls of Lightning 17 fluid.							
5953-6008'		Frac w/ 15624#'s 20/40 sand in 122 bbls of Lightning 17 fluid.							
5469-5471'		Frac w/ 9501#'s 20/40 sand in 83 bbls of Lightning 17 fluid.							
5001-5129'		Frac w/ 19990#'s 20/40 sand in 166 bbls of Lightning 17 fluid.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-10-10	6-25-10	24	→	27	0	37			2-1/2" x 1-1/2" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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JUL 01 2010

DIV. OF OIL, GAS & MINING



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3887' 4124'
				GARDEN GULCH 2 POINT 3	4247' 4535'
				X MRKR Y MRKR	4796' 4828'
				DOUGALS CREEK MRK BI CARBONATE MRK	4946' 5207'
				B LIMESTON MRK CASTLE PEAK	5337' 5861'
				BASAL CARBONATE	6275' 6408'

## 32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB6) 4435-4442', .34" 3/21 Frac w/ 12574#s of 20/40 sand in 113 bbls of Lightning 17 fluid

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)      ☐ Geologic Report      ☐ DST Report      ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification      ☐ Core Analysis      ☒ Other: Drilling Daily Activity

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 06/29/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

**Daily Activity Report**

Format For Sundry

**FEDERAL 5-25-8-15****3/1/2010 To 7/30/2010****FEDERAL 5-25-8-15****Waiting on Cement****Date:** 5/11/2010

NDSI #1 at 325. Days Since Spud - Returned 4 bbls to pit. - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl<sub>2</sub> + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 325.41' KB. On 5/11/10 BJ Services cemented - On 5/3/10 Ross Rig #29 spud FED 5-25-8-15, drilled 325' of 12 1/4" hole, and ran 7 jts 8 5/8"

**Daily Cost:** \$0**Cumulative Cost:** \$41,400**FEDERAL 5-25-8-15****Waiting on Cement****Date:** 5/19/2010

NDSI #1 at 325. 0 Days Since Spud - Rig down and prepare to move

**Daily Cost:** \$0**Cumulative Cost:** \$44,131**FEDERAL 5-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 5/20/2010

NDSI #1 at 1173. 1 Days Since Spud - Tag @ 285' - Gain circulatoin - Drill 7 7/8" hole F/285 - To 1173', w/ 20 WOB, 128 RPM, 352 GPM, ROP 128 - 21 6" DC - Surface csg @ 1500 PSI - test good - R/U B&C Quicktest test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - On 5/19/10 MIRU W/ Jones Trucking - Noifiy BLM and State of Rig move and BOP tests - Pick up Smith 7 7/8" MI 616PDC, Hunting 7/8 3.5 1.5° M.M. ,Extreme 1x30' Monel 1x2' hang off sub

**Daily Cost:** \$0**Cumulative Cost:** \$74,159**FEDERAL 5-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 5/21/2010

NDSI #1 at 3395. 2 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/1486' - 2833', w/ 20 WOB, 128 RPM, 360 GPM, ROP 128 - Rig repair change out swivle packing and wash pipe - Drill 7 7/8" hole F/2833 - 3395', w/ 20 WOB, 128 RPM, 360 GPM, ROP 128 - Drill 7 7/8" hole F/1173 - 1486', w/ 20 WOB, 128 RPM, 360 GPM, ROP 128

**Daily Cost:** \$0**Cumulative Cost:** \$91,888**FEDERAL 5-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 5/22/2010

NDSI #1 at 5000. 3 Days Since Spud - Drill 7 7/8" hole from 4052' to 5000' w/ 20 klbs WOB, 124 total RPM, 360 GPM, and 79 ft/hr avg ROP. - Drill 7 7/8" hole from 3395' to 3583' w/ 20 klbs WOB, 124 total RPM, 360 GPM, and 63 ft/hr avg ROP. - Rig service. Function test BOP and crownomatic. Work on kelly spinner. - Drill 7 7/8" hole from 3583' 4052' w/ 20 klbs WOB, 124 total RPM, 360 GPM, and 72 ft/hr avg ROP.

**Daily Cost:** \$0**Cumulative Cost:** \$119,079

**FEDERAL 5-25-8-15****Circulate & Condition Hole****Date:** 5/23/2010

NDSI #1 at 6659. 4 Days Since Spud - Drill 7 7/8" hole f/ 5145'- 6659' w/ 20 klbs WOB, 128 total RPM, 350 GPM, and 72 ft/hr avg ROP. - Work on kelly spinner air box - Drill 7 7/8" hole f/ 5000' - 5145 w/ 20 klbs WOB, 128 total RPM, 350 GPM, and 96 ft/hr avg ROP. - Rig service function test pipe rams and crownomatic

**Daily Cost:** \$0**Cumulative Cost:** \$150,902

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**FEDERAL 5-25-8-15****Wait on Completion****Date:** 5/24/2010

NDSI #1 at 6659. 5 Days Since Spud - R/U Halliburton run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' loggers TD @ - 6651' - R/U Liddell csg run 153jt 5.5 15.5# j-55 LTC-tag -GS set @ 6647.61' KB -FC set @ 6632.16' KB - Circulate csg w/rig pump - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - yield @ 3.54 Then tail of 425 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 50 bbls to pit Bump plug to 2426 psi - Nipple down set 5.5 csg slips w/ 110,000# tention - Clean Mud tanks - Tear down - Lay down DP , BHA and extreme tools - Kelly up circulate and pump brine 260 bbls - Lay down DP to 4000' Well stated to flow - Circulate for logs - R/U Quicktest - test csg rams @ 2000psi

**Daily Cost:** \$0**Cumulative Cost:** \$287,320

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**FEDERAL 5-25-8-15****Wait on Completion****Date:** 5/25/2010

NDSI #1 at 6659. 6 Days Since Spud - CLEAN MUD TANKS - Release rig @ 7:00 am on 4/24/10 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$287,849

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**Pertinent Files: Go to File List**

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #21

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer Federal 5-25-8-15

Qtr/Qrt SW/NW Section 25 Township 8S Range 15E

Lease Serial Number UTU-67168

API Number 43-013-50023

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/30/2010 9:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 4/30/2010 4:00:00 PM

Remarks:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

5. Lease Serial No.  
UTU-67168

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA Agreement, Name and No.

~~NA~~ Greater Mon. Butte

8. Lease Name and Well No.  
Federal 5-25-8-15

9. API Well No.

43 013 50023

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T. R. M. or Blk. and Survey or Area  
Sec. 25, T8S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator Newfield Production Company

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface SW/NW 1499' FNL 687' FWL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximately 10.9 miles southwest of Myton, UT

15. Distance from proposed\*  
location to nearest  
property or lease line, ft. Approx. 1499' f/lse, NA' f/unit  
(Also to nearest drig. unit line, if any)

16. No. of acres in lease

2500.00 / 285.96

17. Spacing Unit dedicated to this well

40 Acres

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18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 993'

19. Proposed Depth  
6,495'

20. BLM/BIA Bond No. on file  
WYB000493

FEB 24 2010

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5746' GL

22. Approximate date work will start\*

3rd Qtr. 2009

23. Estimated duration of OIL, GAS & MINING  
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. I, must be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the  
BLM.

25. Signature *Mandie Crozier*

Name (Printed/Typed)  
Mandie Crozier

Date  
5/22/09

Title  
Regulatory Specialist

Approved by (Signature) *James H. Sparger*

Name (Printed/Typed)  
James H. Sparger

Date  
FEB 15 2010

Title  
ACTING Assistant Field Manager  
Lands & Mineral Resources

Office  
VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to  
conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

NOTICE OF APPROVAL

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MAY 22 2009

NOS 12/04/2008

AFMSS# 09SX0256A

DOGH

BLM VERNAL, UTAH



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company:	Newfield Production Company	Location:	SWNW, Sec. 25, T8S, R15E
Well No:	Federal 5-25-8-15	Lease No:	UTU-67168
API No:	43-047-50023 D13	Agreement:	Greater Monument Butte (GR) Unit

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

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FEB 24 2000

DIV OF OIL, GAS & MINING

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Federal 1-25-8-15, Federal 2-25-8-15, Federal 4-25-8-15, **Federal 5-25-8-15**, Federal 6-25-8-15, Federal 7-25-8-15, Federal 8-25-8-15, Federal 9-25-8-15, Federal 10-25-8-15, Federal 11-25-8-15, Federal 12-25-8-15, Federal 13-25-8-15, Federal 14-25-8-15, Federal 15-25-8-15, and Federal 16-25-8-15:

- Construction and drilling is not allowed from May 1<sup>st</sup> – June 15<sup>th</sup> to minimize impacts during Mountain plover nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted by the BLM biologist.

Federal 1-25-8-15, Federal 2-25-8-15, Federal 3-25-8-15, Federal 4-25-8-15, **Federal 5-25-8-15**, Federal 6-25-8-15, Federal 7-25-8-15, Federal 8-25-8-15, Federal 9-25-8-15, Federal 10-25-8-15, Federal 11-25-8-15, Federal 12-25-8-15, Federal 13-25-8-15, Federal 14-25-8-15, Federal 15-25-8-15, and Federal 16-25-8-15:

**Reclamation**

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.

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**Seed Mix (Interim and Final Reclamation)**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	2.0	1/4 - 1/2"
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	2.0	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	3.0	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	1.0	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

**Monitoring and Reporting**

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

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**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) ) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

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Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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